

CLAIM

I claim:

1. A method of recognizing shapes from a scribble, the method comprising the steps of:

- 5 a. identifying one or more important points in a scribble;
- b. determining whether said scribble resembles a closed figure;
- c. determining whether said scribble resembles a figure with more
 straight sides than curved sides;
- 10 d. recognizing said scribble as a line segment if said scribble has
 exactly two important points;
- e. recognizing said scribble as a straight curve if said scribble has
 more than two important points and said scribble has more straight
 sides than curved sides and said scribble is not a closed figure;
- 15 f. recognizing said scribble as a spline if said scribble has more than
 two important points and said scribble does not have more straight
 sides than curved sides and said scribble is not a closed figure;
- g. recognizing said scribble as a closed plane figure if said scribble
 has more than two important points and said scribble has more
 straight sides than curved sides and said scribble is a closed figure;
- 20 h. recognizing said scribble as a closed spline if said scribble has
 more than two important points and said scribble does not have
 more straight sides than curved sides and said scribble is a closed
 figure.